

28 STATE STREET BOSTON, MASSACHUSETTS 02109-1784 TELEPHONE (617) 227-7400

FAX (617) 742-4214 lc@lahcoc.com

JOHN A. LAHIVE, JR. (1928-1997) THOMAS V. SMURZYNSKI RALPH A. LOREN GIULIO A. DeCONTI, JR. ANN LAMPORT HAMMITTE ELIZABETH A. HANLEY AMY BAKER MANDRAGOURAS ANTHONY A. LAURENTANO KEVIN J. CANNING JANE E. REMILLARD Deann FORAN SMITH JEANNE M. DIGIORGIO DEBRA J. MILASINCIC, Ph.D. NICHOLAS P. TRIANO, III CHI SUK KIM DAVID J. RIKKERS DAVID R. BURNS

JOHN S. CURRAN SEAN D. DETWEILER ADAM M. GOODMANN CYNTHIA L. KANIK, Ph.D. MEGAN E. WILLIAMS, Ph.D. RICHA NAND

SENIOR COUNSEL JAMES E. COCKFIELD

OF COUNSEL JEREMIAH LYNCH WILLIAM A. SCOFIELD, JR. PETER C. LAURO *

PATENT AGENTS PETER S. STECHER

TECHNICAL SPECIALIST MARIA LACCOTRIPE ZACHARAKI CYNTHIA M. SOROOS PETER W. DINI, Ph.D. **EUIHOON LEE** LISA M. DIROCCO JENNIFER K. ROSENFIELD JUDITH STONE-HULSLANDER, Ph.D. ALLAN TAMESHTIT, Ph.D. CATHERINE E. McPHERSON ERIC F. WAGNER, Ph.D. SHAHID HASAN, Ph.D. ASHITA DOSHI, Ph.D. JACOB G. WEINTRAUB

Admitted in NY only
Passed the Patent Bar Examination

April 6, 2001

Commissioner for Patents Washington, D.C. 20231

Re:

U.S. Patent Application No.: 09/674,235

HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND DNAS

ENCODING THESE PROTEINS Inventor: Seishi Kato, et al.

Filed: October 27, 2000 Our Ref. No.: GIN-6715CPUS

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

- Associate Power of Attorney; 1.
- Information Disclosure Statement; 2.
- PTO Form 1449; 3.
- Full copies of references cited in PTO Form 1449; 4.
- A copy of the International Preliminary Examination Report; and 5.
- A return postcard. 6.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

Certificate of First Class Mailing (37 C.F.R. §1.8(a)) I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:

April 6, 200

Kanik, Esq., Reg. No. 37,320

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Registration No. 37,320

Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Seishi Kato, et al.

Serial No.: 09/674,235

Filed: October 27, 2000

For: HUMAN PROTEINS HAVING

TRANSMEMBRANE DOMAINS AND DNAS

ENCODING THESE PROTEINS

Attorney Docket No.: GIN-6715CPUS

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Commissioner for Patents Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington,

D.C. 20231 on the date set forth below.

April 6, 2001

Date of Signature and of Mail Deposit

By:

Cynthia L. Kanik, Esq.

Registration No. 37,320 Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 C.F.R. \$1.97 hereby submit these publications for the Examiner's consideration. A full copy of each cited publication is enclosed. In addition, copies of references cited in an International Preliminary Examination Report mailed July 26, 2000 during the prosecution of PCT/JP99/02226, which corresponds to the above-referenced application, are listed on the PTO Form 1449 and are enclosed as well.

Filmg Date: October 27, 2000 Page -2-Serial Number: 09/67 This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed per se as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications. Under 37 C.F.R. § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080. Respectfully submitted, LAHIVE & COCKFIELD, LLP Régistration No. 37,320 Attorney for Applicants 28 State Street Boston, MA 02109 (617) 227-7400 Date: April 6, 2001 AEM/CLK/JSH/alf **Enclosures**